

DEVAL L. PATRICK GOVERNOR

TIMOTHY P. MURRAY LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD SECRETARY

JOHN AUERBACH

The Commonwealth of Massachusetts

Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130
617-983-6622

06/20/12

Janine D'Amico Assistant District Attorney, Suffolk County

Dear ADA D'Amico,

Enclosed are copies of the information you requested regarding sample number in the following:

- 1. Drug Analysis Laboratory Receipt.
- 2. Curriculum Vitae for Daniela Frasca and Kate A. Corbett.
- 3. Control Card with Analytical Results for sample number
- 4. Analysis Notation Forms for the above sample number.
- 5. GC-MS Raw Data Sheets for the above sample number.

GC-MS confirmatory testing was performed by Kate A. Corbett. All other testing was performed by Daniela Frasca. If you have any questions or concerns about these facts, please contact me at the number below.

Sincerely,

Daniela Frasca Chemist II

Drug Laboratory 617 983-6631

fax: 617 983-6625

CC# BOOK # U6 PAGE # 45 DESTRUCTION # District/Unit 4-1 ACU Name & Rank of Arresting Officer S Um D WAN ID# 10065 DEFENDANT'S NAME ADDRESS CITY STATE LAB USE ONLY GROSS GROSS ANALYSIS NUMBER CAACK COCAINS 5 P/E' 2 284 CAACK COCAINS 11 P/B 17 P/B HERDIN 11 P/B 17 P/B To be completed by ECU personnel only Name and Rank of Submitting Officer Address 10 P/B 10						11-11-493
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Received by Date 1512	Received by	PÕ	/ C	<u></u> .	/-	5-10

ECU Control # _

Curriculum Vitae

Daniela Frasca

Education

Suffolk University, Boston, MA

Graduated in 05/1996 and received a Bachelor of Science in Biochemistry

EXPERIENCE

Massachusetts State Laboratory Institute/DPH, Jamaica Plain, MA

01/2001 - present

Drug Laboratory: Chemist II

Analysis of all substances by chemical screening, microscopy, and instrument confirmation to determine the
presence of drugs for law enforcement agencies in the Commonwealth of Massachusetts.

- Appointed assistant analyst on January 29, 2001 by the Assistant Commissioner of DPH
- Completed four weeks of training in drug analysis under the supervision of senior chemists.

Quest Diagnostics Incorporated, Cambridge, MA

09/1996 - 10/2001

Department of Toxicology: Medical Technologist I

- Handles comprehensive toxic analysis, therapeutic drug monitoring, forensic drug screening, and compound ID's of biohazard samples utilizing standard operating procedures in clinical toxicology.
- · Entered data and interpreted results for reporting
- · QC/QA of multiple analytical instrumentation as well as maintenance
- Completed 60 days of training under the supervision of doctorate level toxicologists.

Additional Training and Graduate Courses

Boston University School of Medicine

Forensic Toxicology

Pattern Evidence Analysis

Bloodstain Pattern Analysis

Trace Evidence Analysis

Forensic Biology

Criminal Law Mock Court (Expert Witness)

Northeastern Association of Forensic Scientists

Designer Drugs

Clandestine labs

Agilent Instruments and Software

Digital Photography

McCrone Research Institute

Scanning Electron Microscopy and X-ray Microanalysis

Forensic Polarized Microscopy

Forensic Pathology

Polarized Microscopy of Illicit Drugs and Excipients

Chemical Microscopy

Sample Preparation and Manipulation for Microanalysis

Massachusetts State Laboratory Institute

Expert Witness Testimony

Portable Raman Spectrometry

Associations and Programs

- Northeastern Association of Forensic Scientists (NEAFS)
- The International Association of Forensic Toxicologists (TIAFT)
- The International Association of Therapeutic Drug Monitoring And Clinical Toxicology (IATDMCT)
- Massachusetts State Science Fair Judge
- Middle School State Science Fair Judge
- TTT Mentor Science Project Mentor/Tutor Volunteer

Curriculum Vitae

Kate A. Corbett

Education

Bachelor of Science Degree, CHEMISTRY May 2003 MERRIMACK COLLEGE

Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

Employment

Chemist II State Laboratory Institute (March 2008-Present)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance and trafficking substances to determine violation of the Massachusetts drug laws
- > Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis

Chemist I State Laboratory Institute (2005-March 2008)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2005.

Research Associate (September 2003 - August 2005)

SENSOR TECHNOLOGIES, INC - Shrewsbury, MA

- Prepared chemistries used in making sensor beads
- Generated and examined sensors employing fluorescence spectroscopy
- > Performed protein, dye and sugar assays using UV/VIS spectrophotometry
- > Carried out titrations on ricin using fluorescence correlation spectroscopy
- Statistical analysis of experimental data

Intern (March 2003 - August 2003)

MASSACHUSETTS STATE POLICE CRIME LABORATORY - Sudbury, MA

- Assisted in the gathering of case files to fulfill the National Institute of Justice's No Suspect Backlog Reduction Grant
- Observed in the Evidence, Criminalistics, DNA, Drug, Trace, Toxicology, and Bomb/Arson Units

No.

Date Analyzed:

City: Boston D.C.U. Police Dept.

Officer: P.O. Diana Lopez

Def:

Amount: No. Cont:

11

Cont: pb

Date Rec'd: 01/05/2012

Gross Wt.:

7.09

Subst; SUB

No. Analyzed: //

Net Weight: 1, 879

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Findings:

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SAMPLE #	AGENCY 50	51017	Balance Checker
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OTHER			OTHER
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3 0.1543 0.0709		0•2637+ 0•2956+		
0,1919 1 0.1042		0 • 1643 + 		
5 0.1578 0.0829		1.8777*		
6 0,3146 0,2040	31			
0.3230 0.2069	32			
8 0.4488 0,2637				
90,4218 / 0,2956				
10 0.7704 0,1643	35			
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TOTAL WEIGHT OF PACKETS (EST.)	a
NET ESTIMATED POWDER WEIGHT	<i>=</i>

Area Percent / Library Search Report

Information from Data File:

: K:\02_15_12\817122.D File Name

: KAC Operator

Date Acquired : 15 Feb 2012 20:04

Sample Name

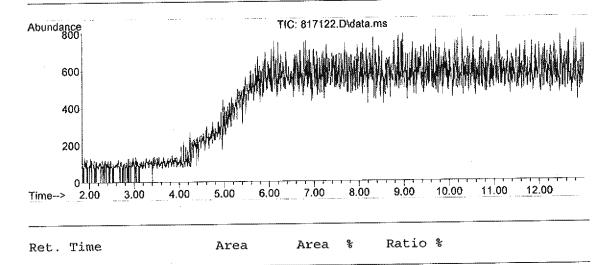
: BLANK

Submitted by

:

Vial Number AcquisitionMeth: DRUGS.M

: RTE Integrator



NO INTEGRATED PEAKS

File Name : K:\02_15_12\817123.D

Operator : KAC

Date Acquired : 15 Feb 2012 20:20

3.00 4.00

Sample Name : HEROIN STD

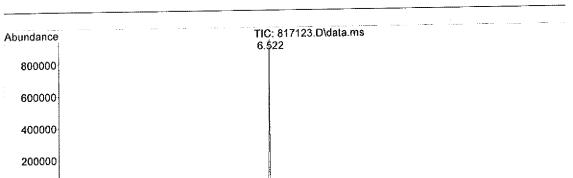
Submitted by

Time--> 2.00

Vial Number : 23

AcquisitionMeth: DRUGS.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.522	1143345	100.00	100.00

7.00

6.00

5.00

8.00

9.00

12.00

10.00 ___11.00

: K:\02_15_12\817123.D File Name

Operator : KAC

: 15 Feb 2012 20:20 Date Acquired

: HEROIN STD Sample Name

Submitted by

RT

PK#

Vial Number 23 AcquisitionMeth: DRUGS.M Integrator : RTE

C:\Database\SLI.L Search Libraries:

C:\Database\NIST08.L

C:\Database\PMW TOX2.L

Minimum Quality: 80 Minimum Quality: 80

CAS# Qual

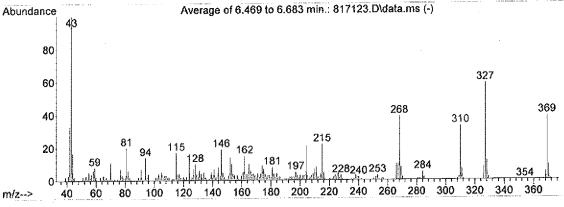
6.52 C:\Database\SLI.L 1

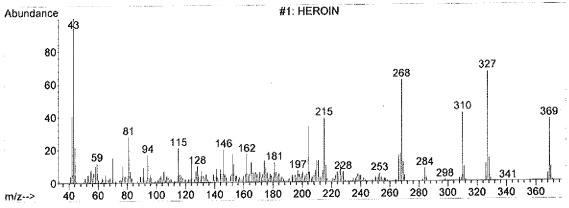
HEROIN

Library/ID

000561-27-3

99



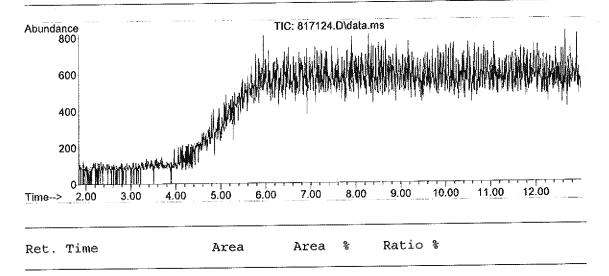


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Operator : KAC

Date Acquired : 15 Feb 2012 20:35

Sample Name : BLANK
Submitted by : DXF
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



NO INTEGRATED PEAKS

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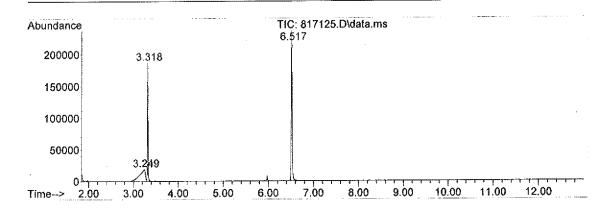
Operator : KAC

Date Acquired : 15 Feb 2012 20:53

Sample Name : Submitted by : Vial Number :

: DXF : 25

AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
3.249	172642	25.64	53.63	
3.318	178667	26.54	55.50	
6.517	321912	47.82	100.00	

File Name : K:\02_15_12\817125.D

Library/ID

Sorbitol

Glucitol

Sorbitol

Operator : KAC

Date Acquired : 15 Feb 2012 20:51

Sample Name : Submitted by : DXF
Vial Number : 25
AcquisitionMeth: DRUGS.M

Integrator : RTE

RT

3.25

PK#

1

Search Libraries: C:\Database\SLI.L Minimu

C:\Database\NIST08.L

C:\Database\NIST08.L

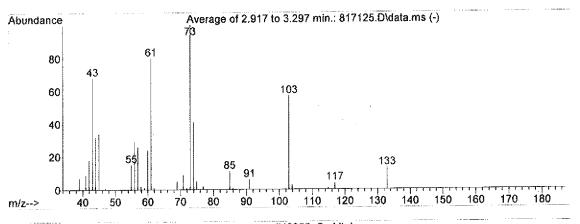
C:\Database\PMW_TOX2.L

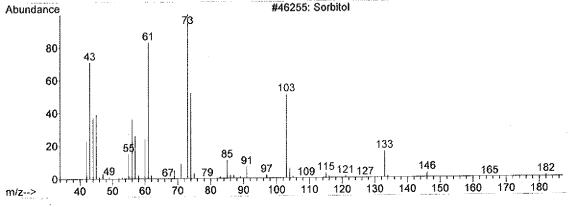
Minimum Quality: 80 Minimum Quality: 80

CAS# Qual
000050-70-4 91
026566-34-7 83

000050-70-4

72





File Name : K:\02_15_12\817125.D

Operator : KAC

Date Acquired : 15 Feb 2012 20:51

Sample Name

Submitted by : DXF
Vial Number : 25
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries:

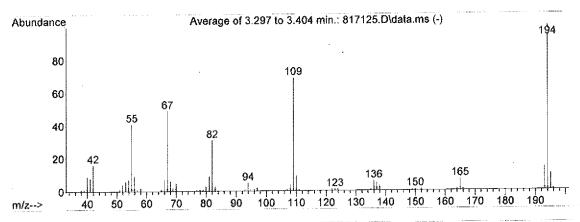
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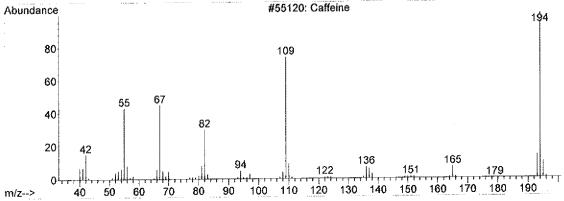
Minimum Quality: 80

C:\Database\NIST08.L
C:\Database\PMW_TOX2.L

Minimum Quality: 80

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		Caffeine Caffeine Caffeine	000058-08-2 000058-08-2	98 96





File Name : K:\02 15_12\817125.D

Operator : KAC

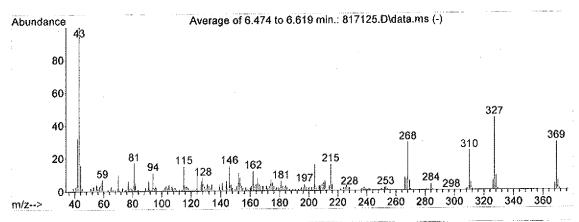
Date Acquired : 15 Feb 2012 20:51

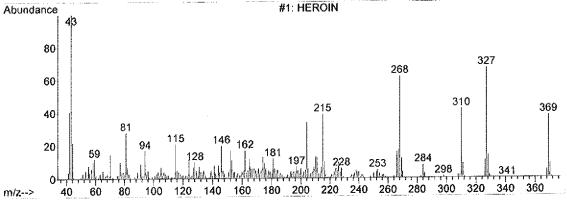
Sample Name :
Submitted by : DXF
Vial Number : 25
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
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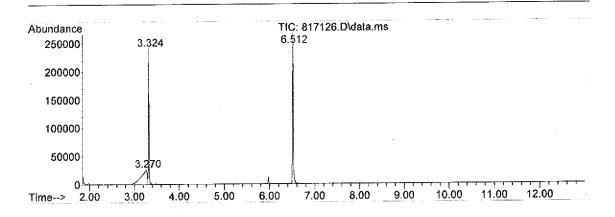


File Name : K:\02_15_12\817126.D

Operator : KAC

Date Acquired : 15 Feb 2012 21:06

Sample Name :
Submitted by : DXF
Vial Number : 26
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
3.270	255583	31.28	74.54 63.78	
3.324 6.512	218696 342869	26.76 41.96	100.00	

File Name : K:\02_15_12\817126.D

Operator :

: KAC : 15 Feb 2012 21:06

Date Acquired : Sample Name : Submitted by :

: DXF : 26

Vial Number : 26 AcquisitionMeth: DRUGS.M Integrator : RTE

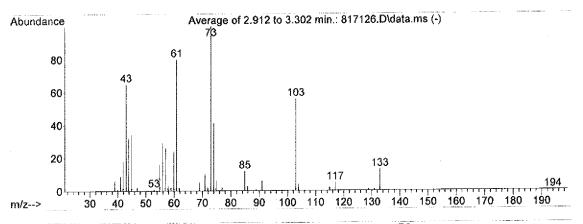
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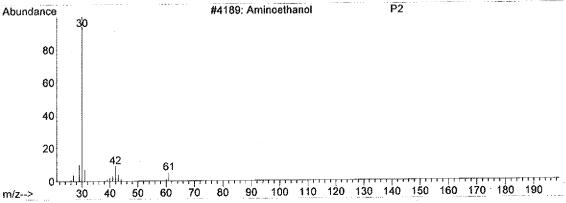
C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
1	3.27	C:\Database\PMW_TOX2.L Aminoethanol 2-Methyl-1-propanol (isobutanol) Methylacetate	000141-43-5 000078-83-1 @ 000079-20-9	3 3 3





File Name : K:\02_15_12\817126.D

Operator : KAC

(, \02_15_12\01/120

Date Acquired :

15 Reb 2012 21:06

Sample Name : Submitted by : Vial Number : AcquisitionMeth:

DXF 26 DRUGS.M

AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries:

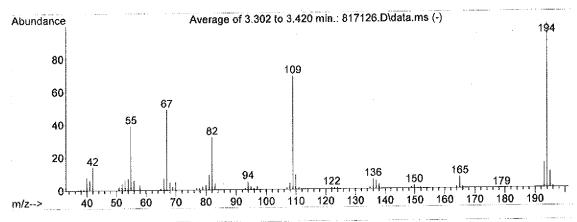
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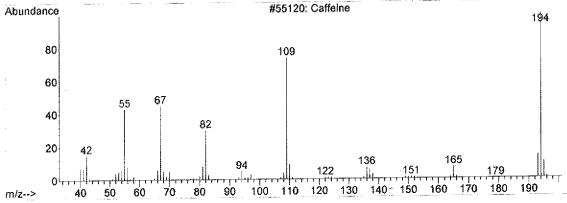
Minimum Quality: 80

C:\Database\NIST08.L

Minimum	Quality:	80

PK#	RT	Library/ID	CAS#	Qua1
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File Name : K:\02_15_12\817126.D

Operator KAC

15 Feb 2012 21:06 Date Acquired

Sample Name Submitted by

DXF 26

Vial Number AcquisitionMeth: DRUGS.M : RTE Integrator

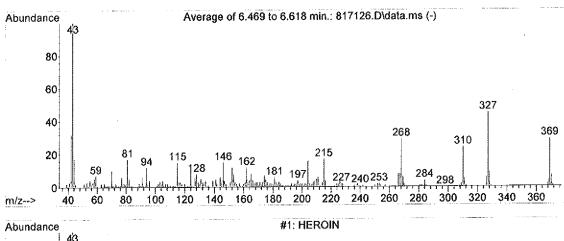
C:\Database\SLI.L Search Libraries:

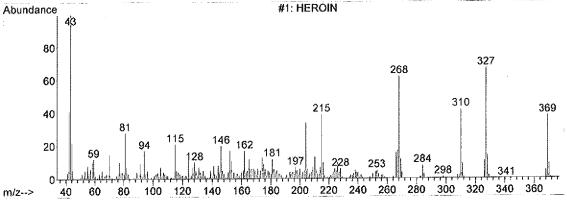
Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
3	6.51	C:\Database\SLI.L HEROIN	000561-27-3	99





File Name : K:\02_15_12\817127.D

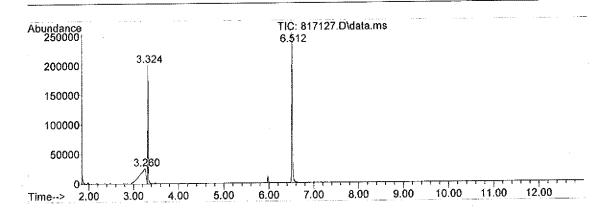
Operator : KAC

Date Acquired : 15 Feb 2012 21:22

Sample Name : | Submitted by : Vial Number :

DXF 27 DRUGS M

AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
3.260	263500	33.72	80.41	
3.324	190361	24.36	58.09	
6.512	327683	41.93	100.00	

: K:\02_15_12\817127.D File Name

: KAC Operator

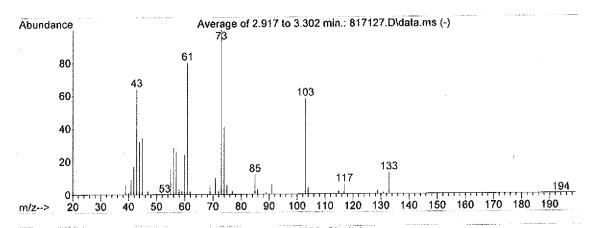
: 15 Feb 2012 21:22 Date Acquired

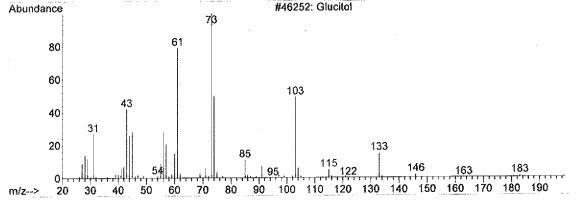
Sample Name : DXF Submitted by Vial Number 27 AcquisitionMeth: DRUGS.M Integrator : RTE

Minimum Quality: 80 Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
ì	3.26	C:\Database\NIST08.L Glucitol Sorbitol D-Mannitol	026566-34-7 000050-70-4 000069-65-8	90 86 78





: K:\02_15_12\817127.D File Name

: KAC Operator

Date Acquired :

21:22 15 Feb 2012

Sample Name Submitted by Vial Number

27

AcquisitionMeth: DRUGS.M Integrator

: RTE

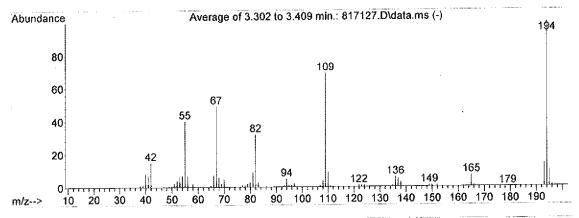
C:\Database\SLI.L Search Libraries:

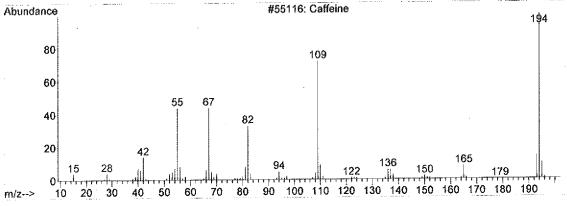
Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
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: K:\02_15_12\817127.D File Name

Operator : KAC

21:22 Date Acquired

Sample Name Submitted by

27

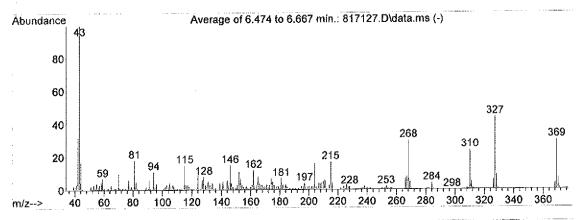
Vial Number AcquisitionMeth: DRUGS.M : RTE Integrator

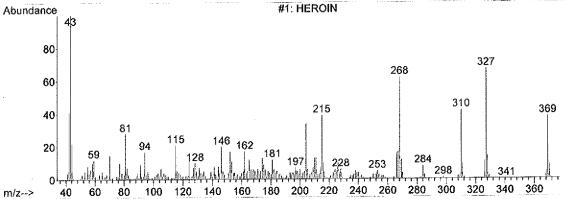
Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST08.L C:\Database\PMW_TOX2.L

CAS# Qual PK# RT Library/ID C:\Database\SLI.L 3 6.51 99 000561-27-3 HEROIN



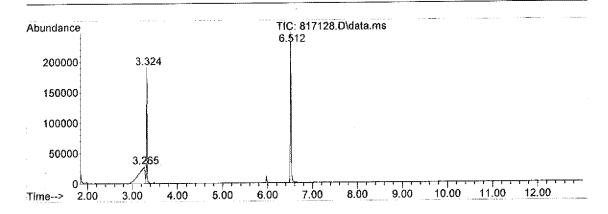


File Name : K:\02_15_12\817128.D

Operator : KAC

Date Acquired : 15 Feb 2012 21:37

Sample Name : DXF
Submitted by : DXF
Vial Number : 28
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
3.265	283674	36.69	91.17	
3.324	178412	23.07	57.34	
6.512	311153	40.24	100.00	

: K:\02_15_12\817128.D File Name

: KAC Operator

15 Feb 2012 21:37 Date Acquired

Sample Name Submitted by DXF 28 Vial Number

AcquisitionMeth: DRUGS.M Integrator RTE

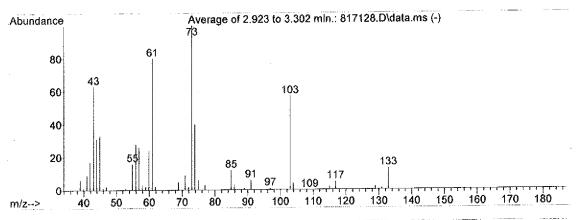
Search Libraries:

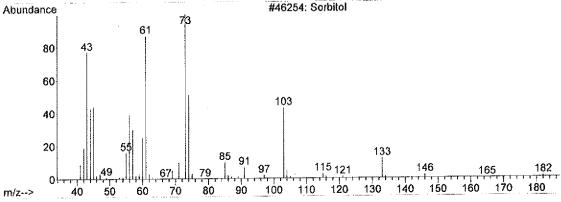
C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
1	3.26	C:\Database\NIST08.L Sorbitol Glucitol Sorbitol	000050-70-4 026566-34-7 000050-70-4	86 83 78





File Name : K:\02_15_12\817128.D

Operator : KAC

Date Acquired : 15 Feb 2012 21:37

Sample Name

V-117

Submitted by : DXF
Vial Number : 28
AcquisitionMeth: DRUGS.M
Integrator : RTE

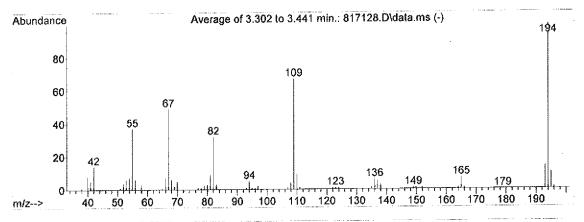
Search Libraries: C:\Database\SLI.L

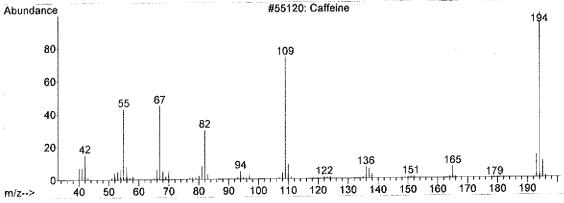
Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
2	3.32	C:\Database\NIST08.L Caffeine Caffeine Caffeine	000058-08-2 000058-08-2 000058-08-2	98 98 98





: K:\02_15_12\817128.D File Name

: KAC Operator

15 Feb 2012 21:37

Date Acquired Sample Name

DXF 28

Vial Number AcquisitionMeth: DRUGS.M Integrator

3

Submitted by

: RTE

Search Libraries:

Minimum Quality: 80 C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L C:\Database\PMW_TOX2.L

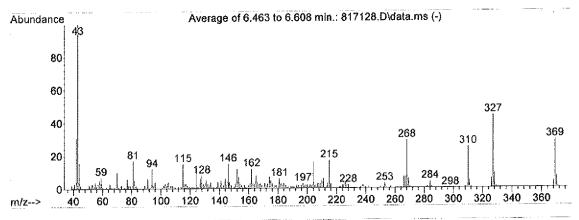
Library/ID PK# RT

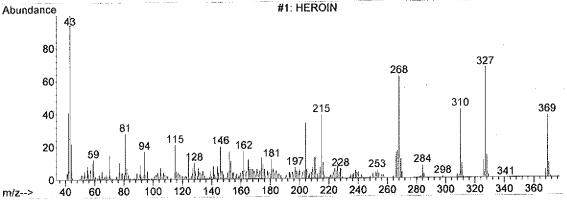
Qual CAS#

C:\Database\SLI.L 6.51

HEROIN

99 000561-27-3





File Name : K:\02_15_12\817129.D

Operator : KAC

Date Acquired : 15 Feb 2012 21:52

Sample Name : DXF
Submitted by : DXF
Vial Number : 29
AcquisitionMeth: DRUGS.M

Integrator : RTE

TIC: 817129.D\data.ms Abundance 6.512 200000 3.324 150000 100000 50000 3.254 9.00 10.00 11.00 12.00 2.00 3.00 4.00 5.00 6.00 7.00 8.00 Time-->

Ret. Time	Area	Area %	Ratio %
3.254	275238	36.44	86.48
3.324	161823	21.42	50.85
6.512	318255	42.14	100.00

: K:\02_15_12\817129.D File Name

: KAC Operator

15 Feb 2012 Date Acquired 21:52

Sample Name

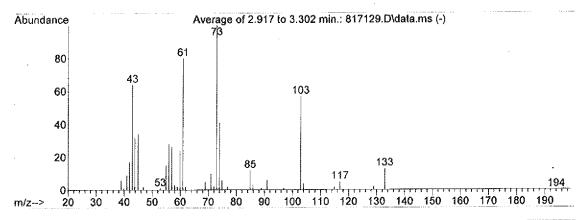
Submitted by Vial Number 29 AcquisitionMeth: DRUGS.M

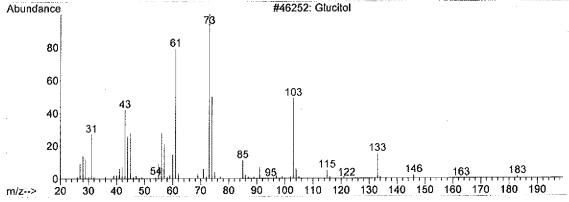
Integrator : RTE

Minimum Quality: 80 Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
1	3.25	C:\Database\NIST08.L Glucitol Sorbitol Sorbitol	026566-34-7 000050-70-4 000050-70-4	90 86 86





: K:\02_15_12\817129.D File Name

Operator ; KAC

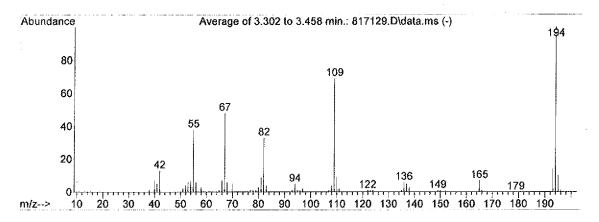
Date Acquired 15 Feb 2012 21:52

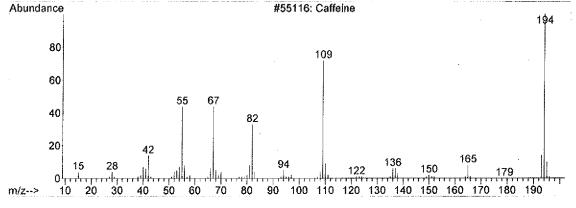
Sample Name Submitted by DXF Vial Number 29 AcquisitionMeth: DRUGS.M Integrator : RTE

Minimum Quality: 80 Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
. 2	3.32	C:\Database\NIST08.L Caffeine Caffeine Caffeine	000058-08-2 000058-08-2 000058-08-2	98 98 98





: K:\02 15_12\817129.D File Name

Operator : KAC

15 Feb 2012 21:52 Date Acquired

Sample Name DXF Submitted by 29

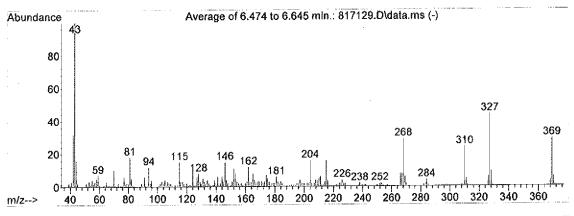
Vial Number AcquisitionMeth: DRUGS.M Integrator : RTE

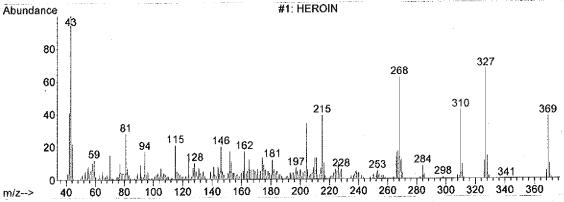
C:\Database\SLI.L Search Libraries:

Minimum Quality: 80 Minimum Quality: 80 C:\Database\NIST08.L

C:\Database\PMW_TOX2.L

CAS# Qual PK# RT Library/ID C:\Database\SLI.L 6.51 3 99 000561-27-3 HEROIN



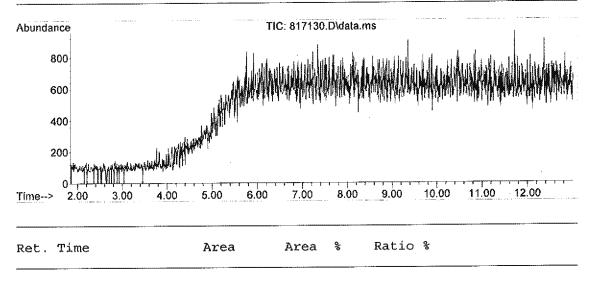


File Name : K:\02_15_12\817130.D

Operator : KAC

Date Acquired : 15 Feb 2012 22:08

Sample Name : BLANK
Submitted by : DXF
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



NO INTEGRATED PEAKS

File Name : K:\02_15_12\817131.D

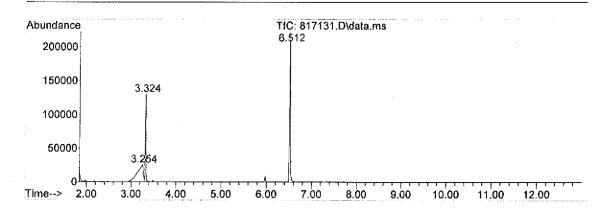
Operator : KAC

Date Acquired : 15 Feb 2012 22:23

Sample Name Submitted by

31

Vial Number AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
3.254	242116	36.56	83.47	
3.324	130078	19.64	44.85	
6.512	290059	43.80	100.00	

: K:\02 15_12\817131.D File Name

: KAC Operator

Date Acquired 15 Feb 2012 22:23

Sample Name Submitted by

DXF Vial Number 31 AcquisitionMeth: DRUGS.M Integrator : RTE

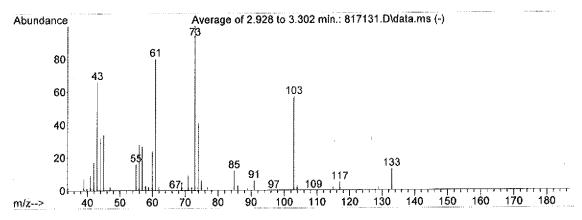
C:\Database\SLI.L Search Libraries:

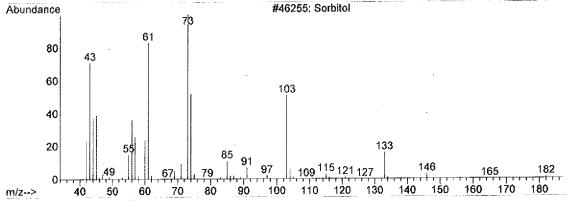
Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
1	3.25	C:\Database\NIST08.L Sorbitol Glucitol	000050-70-4 026566-34-7	91 90
		Sorbitol	000050-70-4	78





: K:\02_15_12\817131.D File Name

: KAC Operator

15 Feb 2012 22:23 Date Acquired

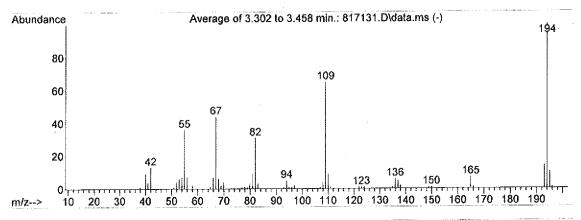
Sample Name Submitted by Vial Number 31.

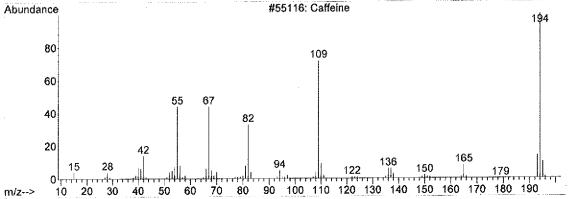
AcquisitionMeth: DRUGS.M Integrator : RTE

Minimum Quality: 80 Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
2	3.32	C:\Database\NIST08.L Caffeine Caffeine Caffeine	000058-08-2 000058-08-2 000058-08-2	98 98 98





: K:\02_15_12\817131.D File Name

Operator : KAC

15 Feb 2012 22:23 Date Acquired

Sample Name Submitted by DXF Vial Number 31 AcquisitionMeth: DRUGS.M Integrator : RTE

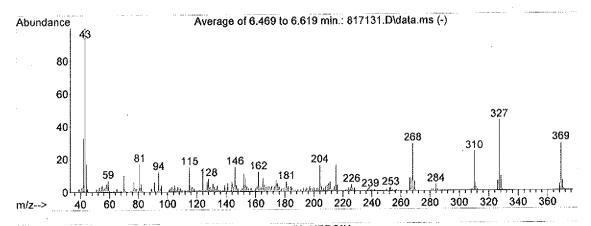
Minimum Quality: 80 C:\Database\SLI.L Search Libraries: Minimum Quality: 80

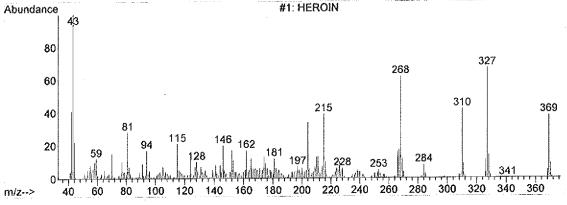
C:\Database\NIST08.L

C:\Database\PMW_TOX2.L

CAS# Qual Library/ID PK# RT

C:\Database\SLI.L 6.51 3 99 000561-27-3 HEROIN





File Name : K:\02_15_12\817132.D

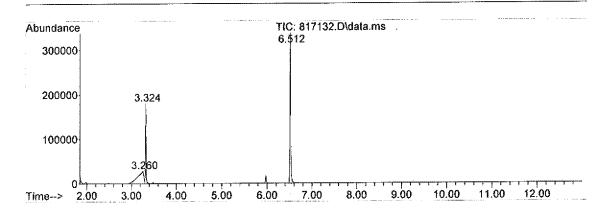
Operator : KAC

Date Acquired : 15 Feb 2012 22:39

Sample Name : Submitted by : DXF Vial Number : 32

: 32 : DRUGS.M

AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
3.260	274462	30.28	59.50	
3.324	170725	18.83	37.01	
6.512	461257	50.89	100.00	

: K:\02_15_12\817132.D File Name

Operator : KAC

22:39 Date Acquired

Sample Name Submitted by Vial Number

Integrator

DXF 32 AcquisitionMeth: DRUGS.M

C:\Database\SLI.L Search Libraries:

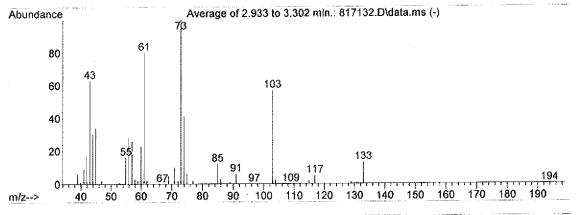
: RTE

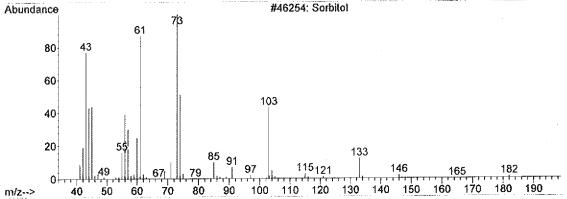
Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
1	3.26	C:\Database\NIST08.L Sorbitol D-Mannitol D-Mannitol	000050-70-4 000069-65-8 000069-65-8	86 83 78





File Name : K:\02_15_12\817132.D

Operator : KAC

Date Acquired : 15 Feb 2012 22:39

Sample Name :

DXF

Submitted by : DXF
Vial Number : 32
AcquisitionMeth: DRUGS.M
Integrator : RTE

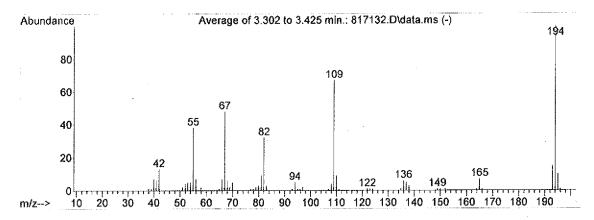
Search Libraries: C:\Database\SLI.L

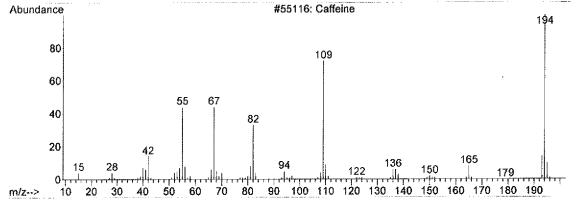
Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
2	3.32	C:\Database\NIST08.L Caffeine	000058-08-2	98
		Caffeine Caffeine Caffeine	000058-08-2 000058-08-2 000058-08-2	98 98





File Name : K:\02_15_12\817132.D

Operator : KAC

22:39 Date Acquired

DXF

Sample Name Submitted by

PK#

Vial Number 32 AcquisitionMeth: DRUGS.M

Integrator : RTE

RT

Search Libraries: C:\Database\SLI.L

Library/ID

C:\Database\NIST08.L

C:\Database\PMW TOX2.L

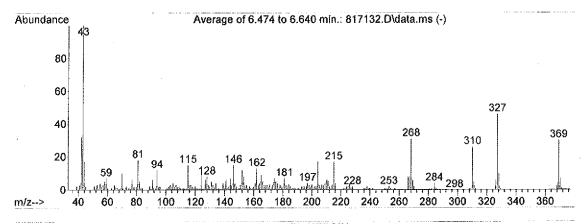
Minimum Quality: 80 Minimum Quality: 80

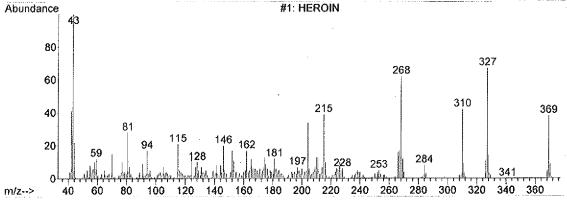
CAS#

Qual

6.51 C:\Database\SLI.L 3

HEROIN 000561-27-3 98





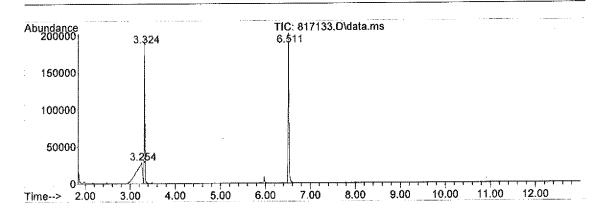
File Name : K:\02_15_12\817133.D

Operator : KAC

Date Acquired : 15 Feb 2012 22:54

Sample Name :

Submitted by : DXF
Vial Number : 33
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
3.254 3.324 6,511	280008 180511 269171	38.37 24.74 36.89	100.00 64.47 96.13	

: K:\02_15_12\817133.D File Name

Operator : KAC

15 Feb 2012 22:54 Date Acquired

Sample Name Submitted by Vial Number

Integrator

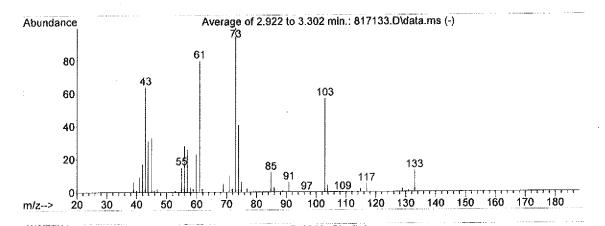
33 AcquisitionMeth: DRUGS.M : RTE

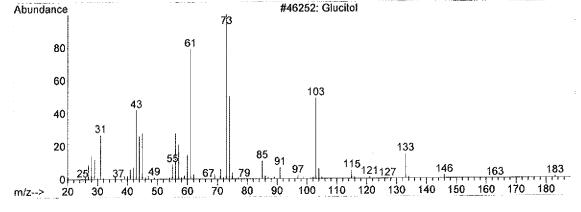
C:\Database\SLI.L Search Libraries:

Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
1	3.25	C:\Database\NIST08.L Glucitol Sorbitol D-Mannitol	026566-34-7 000050-70-4 000069-65-8	90 86 83





File Name : K:\02_15_12\817133.D

Operator : KAC

Date Acquired : 15 Feb 2012 22:54

Sample Name :

DXF

Submitted by : DXF
Vial Number : 33
AcquisitionMeth: DRUGS.M
Integrator : RTE

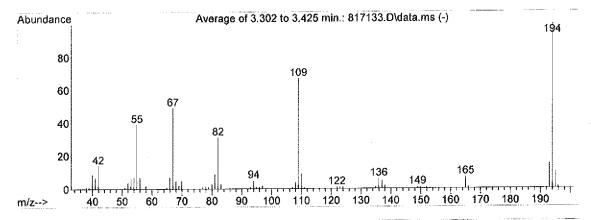
Search Libraries: C:\Database\SLI.L

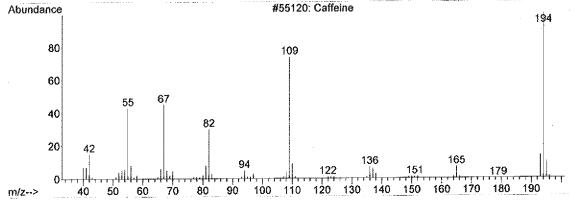
Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
2	3.32	C:\Database\NIST08.L Caffeine Caffeine Caffeine	000058-08-2 000058-08-2 000058-08-2	98 98 98





File Name : K:\02_15_12\817133.D

Operator : KAC

: 15 Feb 2012 22:54 Date Acquired

Sample Name Submitted by

DXF

Vial Number AcquisitionMeth: DRUGS.M : RTE Integrator

33

Search Libraries:

C:\Database\SLI.L

Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

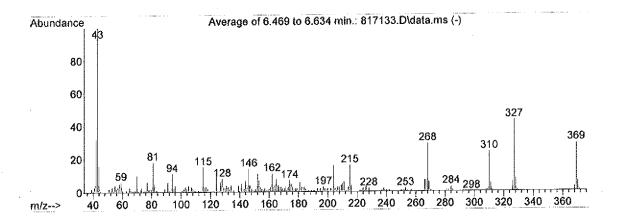
C:\Database\PMW_TOX2.L

PK# RT Library/ID

CAS#

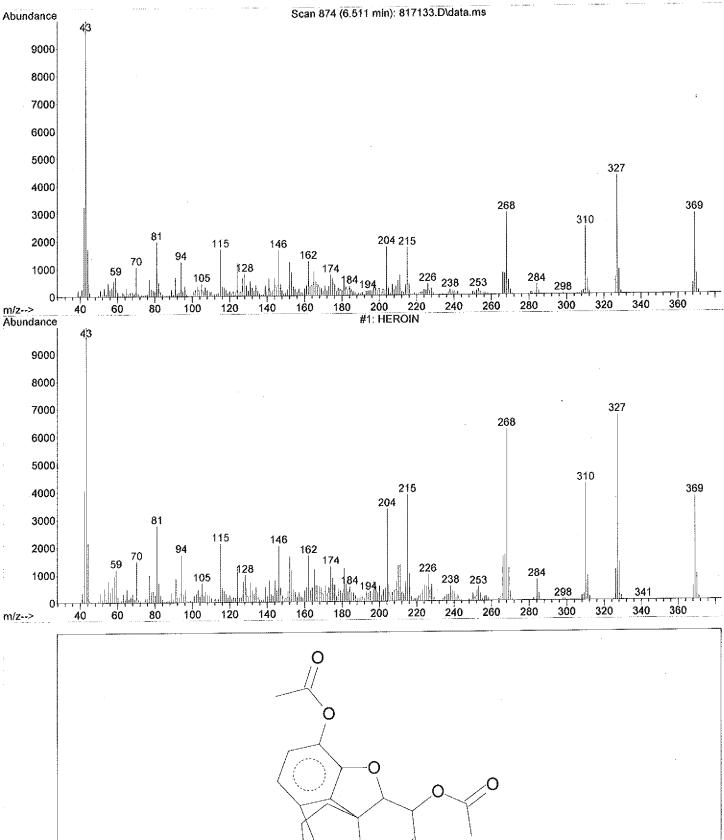
Qual

No Hits Found



Library Searched : C:\Database\SLI.L

: 99 Quality ID: HEROIN Scan 874 (6.511 min): 817133.D\data.ms



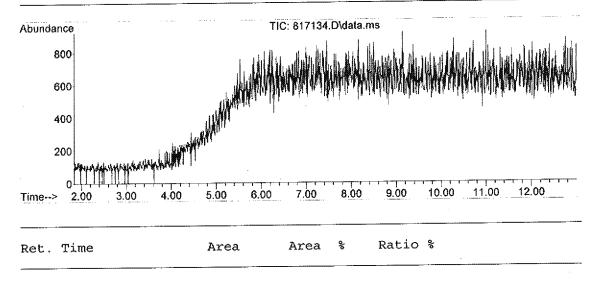
File Name : K:\02_15_12\817134.D

Operator : KAC

Date Acquired : 15 Feb 2012 23:10

Sample Name : BLANK Submitted by : DXF Vial Number : 1

AcquisitionMeth: DRUGS.M Integrator : RTE



NO INTEGRATED PEAKS

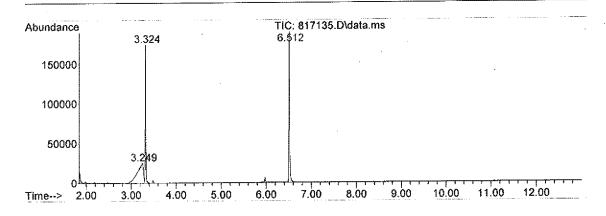
File Name : K:\02_15_12\817135.D

Operator : KAC

Date Acquired : 15 Feb 2012 23:25

Sample Name : DXF
Submitted by : DXF
Vial Number : 35

AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
3.249	241749	37.24	97.07	
3.324	158291	24.39	63.56	
6.512	249055	38.37	100.00	

File Name : K:\02_15_12\817135.D

Operator : KAC

Date Acquired : 15 Feb 2012 23:25

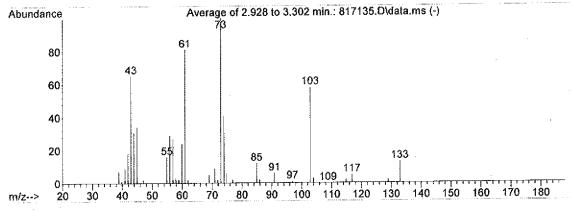
Sample Name :
Submitted by : DXF
Vial Number : 35
AcquisitionMeth: DRUGS

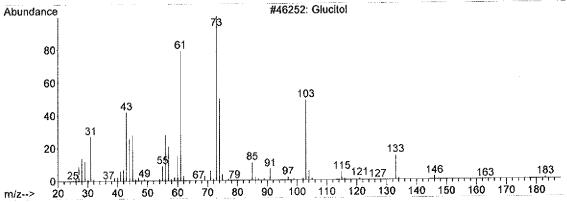
AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
1	3.25	C:\Database\NIST08.L Glucitol Sorbitol D-Mannitol	026566-34-7 000050-70-4 000069-65-8	90 86 64





File Name : K:\02_15_12\817135.D

Operator : KAC

Date Acquired : 15 Feb 2012 23:25

Sample Name :

Submitted by : DXF
Vial Number : 35
AcquisitionMeth: DRUGS.M
Integrator : RTE

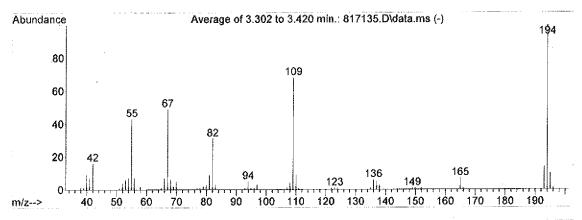
Search Libraries:

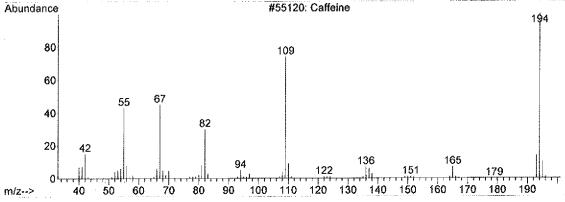
C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
2	3.32	C:\Database\NIST08.L Caffeine Caffeine Caffeine	000058-08-2 000058-08-2 000058-08-2	98 98 96





File Name : K:\02_15_12\817135.D

Operator : KAC

Date Acquired : 15 Feb 2012 23:25

Sample Name

Submitted by : DXF
Vial Number : 35
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

C:\Database\PMW_TOX2.L

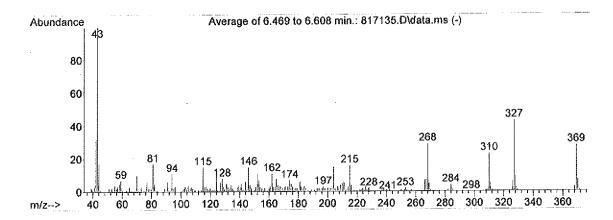
PK# RT

Library/ID

CAS#

Qual

No Hits Found

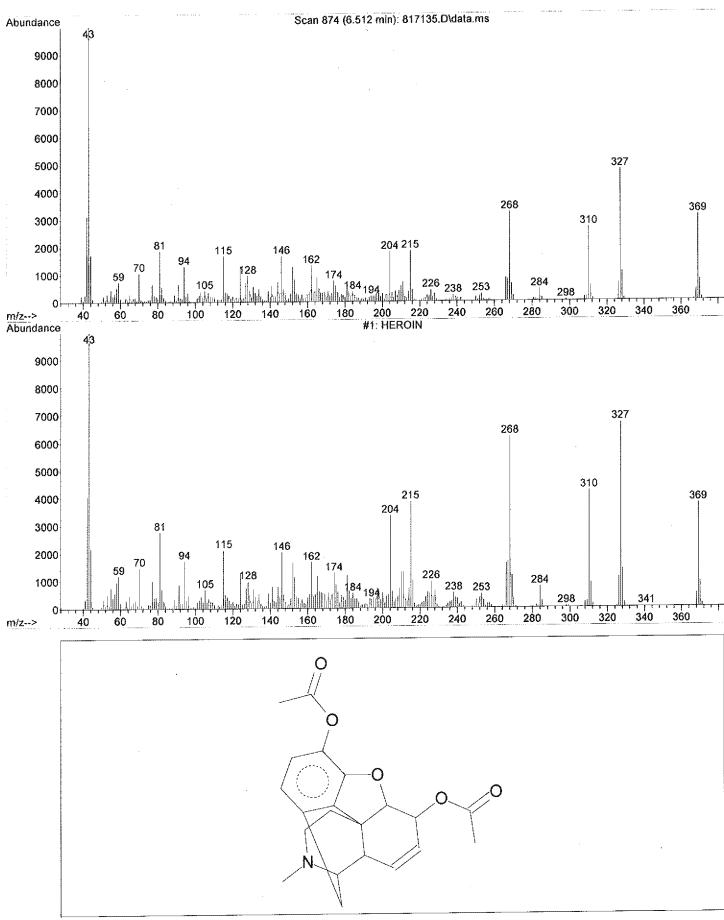


Library Searched : C:\Database\SLI.L

Quality

: 99

ID : HEROIN



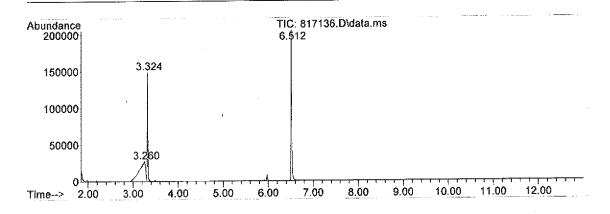
File Name : K:\02_15_12\817136.D

Operator : KAC

Date Acquired : 15 Feb 2012 23:40

Sample Name :
Submitted by : DXF
Vial Number : 36

AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
3.260	276553	40.64	100.00	
3,324	143259	21.05	51.80	
6.512	260621	38.30	94.24	

File Name : K:\02_15_12\817136.D

Operator : KAC

Date Acquired : 15 Feb 2012 23:40

Sample Name : DXF
Submitted by : DXF
Vial Number : 36

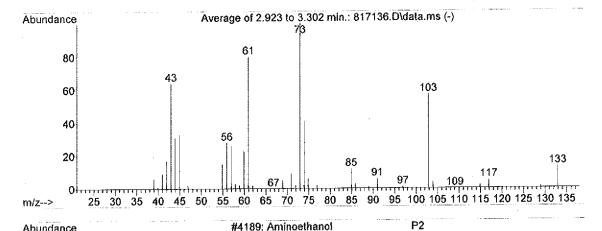
Vial Number : 36 AcquisitionMeth: DRUGS.M Integrator : RTE

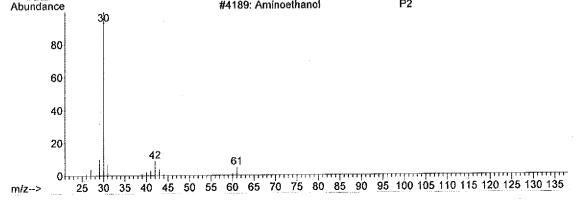
Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 , Minimum Quality: 80

C:\Database\NIST08.L C:\Database\PMW_TOX2.L

CAS# Qual PK# RT Library/ID C:\Database\PMW_TOX2.L 1 3.26 3 000141-43-5 Aminoethanol 2-Methyl-1-propanol (isobutanol) 000078-83-1 3 3 @ 000079-20-9 Methylacetate





: K:\02_15_12\817136.D File Name

KAC Operator

23:40 Date Acquired 15 Feb 2012

Sample Name

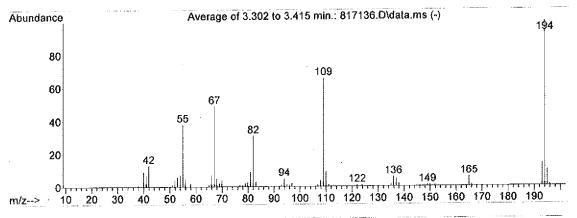
DXF Submitted by Vial Number 36 AcquisitionMeth: DRUGS.M

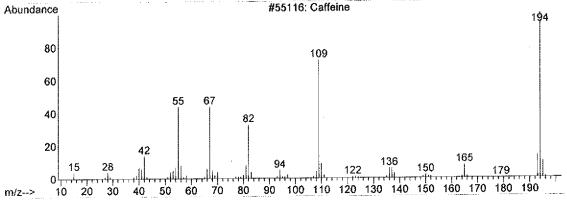
Integrator : RTE

Minimum Quality: 80 Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
2	3.32	C:\Database\NIST08.L Caffeine Caffeine Caffeine	000058-08-2 000058-08-2 000058-08-2	98 98 98





File Name : K:\02_15_12\817136.D

Operator : KAC

15 Feb 2012 23:40 Date Acquired

Sample Name Submitted by DXE Vial Number 36 AcquisitionMeth: DRUGS.M : RTE Integrator

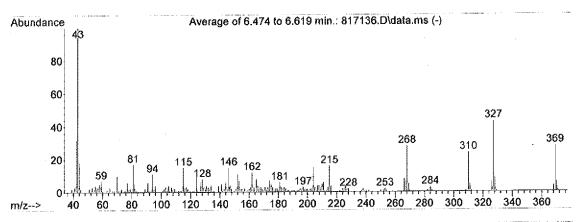
Minimum Quality: 80 C:\Database\SLI.L Search Libraries: Minimum Quality: 80

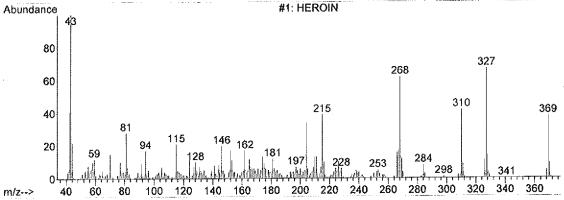
C:\Database\NIST08.L

C:\Database\PMW_TOX2.L

CAS# Qual PK# RT Library/ID

3 6.51 C:\Database\SLI.L 96 HEROIN 000561-27-3





: K:\02_15_12\817137.D File Name

Operator : KAC

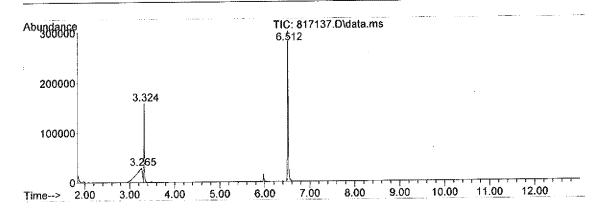
Date Acquired : Sample Name

15 Feb 2012 23:56

Submitted by Vial Number

DXF

37 AcquisitionMeth: DRUGS.M : RTE Integrator



Ret. Time	Area	Area %	Ratio %	
3.265	291366	35.08	75.63	
3.324	153960	18.54	39.96	
6.512	385255	46.38	100.00	

File Name : K:\02_15_12\817137.D

Operator : KAC

Date Acquired : 15 Feb 2012 23:56

Sample Name

~ 4 2 Ym

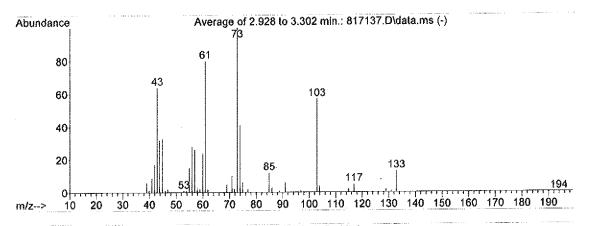
Submitted by : DXF Vial Number : 37 AcquisitionMeth: DRUGS.M Integrator : RTE

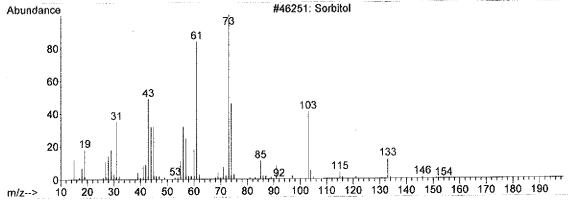
Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
1	3.26	C:\Database\NIST08.L		200
		Sorbitol	000050-70-4	86
		Sorbitol	000050-70-4	86
		Sorbitol	000050-70-4	86





: K:\02_15_12\817137.D File Name

: KAC Operator

15 Feb 2012 23:56 Date Acquired

Sample Name Submitted by

Vial Number

DXF 37

AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries:

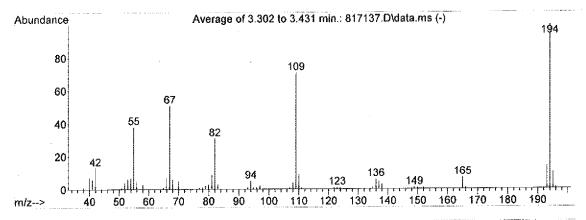
C:\Database\SLI.L

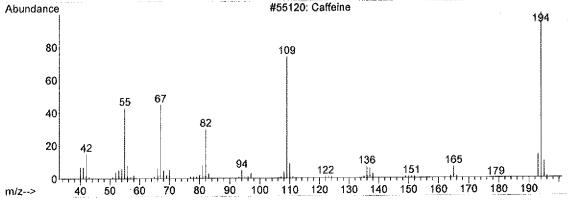
Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
2	3.32	C:\Database\NIST08.L Caffeine Caffeine Caffeine Caffeine	000058-08-2 000058-08-2 000058-08-2	98 98 98





File Name : K:\02_15_12\817137.D

Operator : KAC

Date Acquired : 15 Feb 2012 23:56

Sample Name Submitted by

3

DXF

Vial Number : 37 AcquisitionMeth: DRUGS M Integrator : RTE

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

C:\Database\PMW_TOX2.L

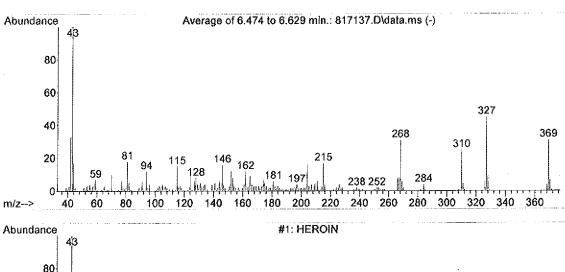
PK# RT Library/ID CAS# Qual

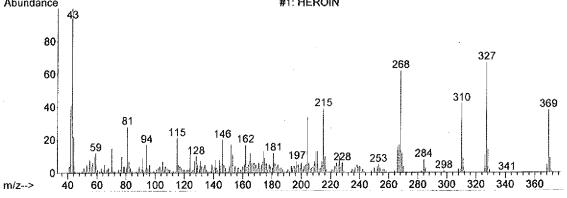
6.51 C:\Database\SLI.L

HEROIN

000561-27-3

99





File Name : K:\02_15_12\817139.D

Operator : KAC

Date Acquired : 16 Feb 2012 00:26

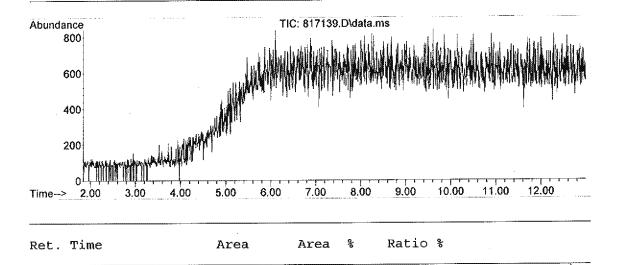
Sample Name : BLANK

Submitted by

Vial Number : 1

AcquisitionMeth: DRUGS.M

Integrator : RTE



NO INTEGRATED PEAKS

File Name : K:\02_15_12\817140.D

Operator : KAC

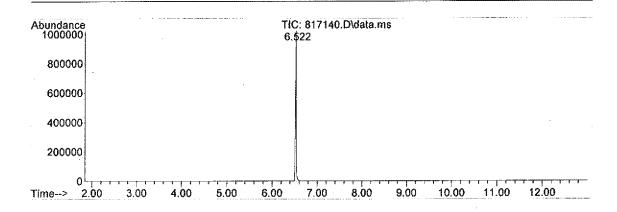
Date Acquired : 16 Feb 2012 00:42

Sample Name : HEROIN STD

Submitted by

Vial Number : 40 AcquisitionMeth: DRUGS.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.522	1258986	100.00	100.00

File Name : K:\02_15_12\817140.D

: KAC Operator

Date Acquired : 16 Feb 2012 00:42

Sample Name HEROIN STD

Submitted by

Vial Number 40 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries:

RT

PK#

C:\Database\SLI.L

Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

C:\Database\PMW_TOX2.L

Library/ID

CAS# Qual

1 6.52 C:\Database\SLI.L

HEROIN

000561-27-3

99

